

Attorney Docket No. 5649-968

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Lee et al.

Group Art Unit: 2829

Serial No.: 10/046,805

Examiner: Lisa A. Kilday

Filed: January 14, 2002

Confirmation No.: 6423

For: METHODS OF FORMING METAL LAYERS IN INTEGRATED CIRCUIT
DEVICES USING SELECTIVE ELECTROPLATING ON EDGES OF RECESSES
AND CONDUCTIVE CONTACTS SO FORMED

January 9, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TERMINAL DISCLAIMER UNDER 37 C.F.R. 1.321

Sir:

I, Robert N. Crouse, am an attorney of record of the disclaimant, Samsung Electronics Co., Ltd., and am authorized to execute this disclaimer on behalf of Samsung Electronics Co., Ltd. The disclaimant, Samsung Electronics Co., Ltd., having a principal place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, is the owner of all right, title, and interest in the above-identified application, by Assignment recorded on January 14, 2002, and recorded at Reel 012505, Frame 0587.

The disclaimant hereby disclaims, except as provided below, the terminal part of any patent granted on the above-identified application that would extend beyond the expiration date of the full statutory term as defined in 35 U.S.C. §§154 - 156, §173, and any other relevant statutory provision of prior U.S. Patent No. 6,432,820, filed August 2, 2001, as presently shortened by any terminal disclaimer, which patent was assigned to the above-identified disclaimant by an Assignment recorded on August 4, 2001, at Reel 012060, Frame 0767.

Disclaimant further agrees that any patent so granted on the above-identified application, which is the subject of this disclaimer, shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 6,432,820. This agreement runs with any patent granted on the above-identified application, and is binding upon the grantee, its successors, or assigns.

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In re: Lee et al.

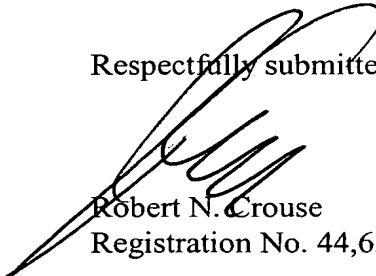
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Nothing herein shall be construed as a disclaimer of any terminal part of any patent granted on the above-identified application that is prior to the expiration date of the full statutory term as defined in 35 U.S.C. §§154 - 156 and §173 of U.S. Patent No. 6,432,820, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer.

Respectfully submitted,

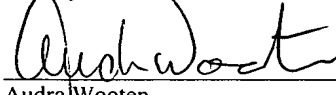


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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 9, 2004.



Audra Wooten